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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

IMPRO	VED CIRCULAR SITE-D	RECTED MUTAGENESIS		•
and for which a patent application: is attached hereto. was filed in the United States on December with amendment(s) filed on was filed as PCT international application Article 19 on Westernational Westernational Research	(4 applicable). Serial No.	n Serial No. <u>08/567,881</u> <i>on</i> and	n acr accompanying applicanc was amended und	er PCT
I hereby state that I have reviewed and undersamendment referred to above.	stand the contents of the ab	pove identified application, including	ng the claims, as a	amended by any
I acknowledge the duty to disclose information §1.56.	known to me to be materia	al to patentability as defined in Title	: 37, Code of Fede	ral Regulations.
I hereby claim foreign priority benefits under certificate listed below and have also identified of the application on which priority is claime	i below any foreign applica	ide, §119(a)-(d) of any foreign app tion for patent or inventor's certific	olication(s) for patricate having a filing	ent or inventor's date before that
EARLIEST FOREIGN APPLICATI	ION(S), IF ANY, FILED	PRIOR TO THE FILING DATE	OF THE APPLIC	ATION:
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIOR CLAIN	UTY.
			YES 🗆	ио □
			YES 🗆	№ □
I hereby claim the benefit under Title 35, U	nited States Code, §119(e)	of any United States provisional	application(s) listed	i below.
APPLICATION NUM	BER	FILING	DATE	
I hereby claim the benefit under Title 35, Ur	nited States Code, \$120 of	any United States application(s) list	ed below and, inso	ofar as the subject vided by the fir

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

		STATUS		
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
·				

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



SENI	CORRESPONDENC	PENNIE & EDMONDS 1155 AVENUE OF THE NEW YORK, N.Y. 1000	AMERICAS PENN	CT TELEPHONE CALLS TO: IE & EDMONDS DOCKETING 790-2803
	FULL NAME OF INVENTOR	LAST NAME Bauer	FIRST NAME John	MIDDLE NAME C.
2 0	RESIDENCE & CITIZENSHIP	cmy San Diego	STATE OR FOREIGN COUNTRY California	USA STATE OR COUNTRY ZIP CODE
	POST OFFICE ADDRESS	STREET 4635 Tivoli St.	San Diego	California 92107
	FULL NAME OF INVENTOR	Uright	FIRST NAME Dowain	A. COUNTRY OF CITIZENSHIP
0 2	RESIDENCE & CITIZENSHIP	Cambridge	STATE OR FOREIGN COUNTRY Massachusetts	USA STATE OR COUNTRY ZIP CODE
1	POST OFFICE ADDRESS	STREET 581 Mt. Auburn St. #4	Cambridge	Massachusetts 02138
	FULL NAME OF INVENTOR	LAST NAME Braman	FIRST NAME Jeffrey	Cari
2 0	RESIDENCE & CITIZENSHIP	Carlsbad	STATE OR FOREIGN COUNTRY California	USA STATE OR COUNTRY ZIP CODE
3	POST OFFICE ADDRESS	STREET 3067 Camino Limero	Carlsbad	USA 92209
-	FULL NAME OF INVENTOR	LAST NAME Geha	FIRST NAME Raif	S.
2 0	DECEDENCE A	crry Beimont	STATE OR POREIGN COUNTRY Massachusetts	USA
4	POST OFFICE	STREET 248 Rutledge Road	CITY Belmont	Massachusetts 02178
-	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
	OF INVENTOR RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITTZENSHIP
İ	POST OFFICE	STREET	crry	STATE OR COUNTRY ZIP CODE
-	ADDRESS	LAST NAME	FIRST NAME	MIDOLE NAME
	OF INVENTO	R	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	2 0 RESIDENCE & 6 CITIZENSHIE		CITY	STATE OR COUNTRY ZIP CODE
	POST OFFICE ADDRESS	STREET		all statements made on information and belief

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

DATE 29 MALE H 96	DATE	Defre Cal Trame
SIGNA URE OF INVENTOR RA	DATE	DATE





DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

IMPROVED CIRCULAR SITE-DIRECTED MUTAGENESIS

and for which a patent application:			
☐ is attached hereto. ☒ was filed in the United States on December	r 8, 1995 as Application S	erial No. <u>08/567,881</u> (6) declaration	act accompanying application)
 □ was filed in the United States on December with amendment(s) filed on □ was filed as PCT international application 	(if applicable).	and w	as amended under PCT
was filed as PCT international application	Serial No.	_ on and w	as afficiace mise. 1 0 1
Article 19 on	ø.		
I hereby state that I have reviewed and under amendment referred to above.			•
I acknowledge the duty to disclose information			
I hereby claim foreign priority benefits under certificate listed below and have also identifie of the application on which priority is claims	d DEIOM TITA IOICIBU abbinera	, §119(a)-(d) of any foreign appl on for patent or inventor's certific	ication(s) for patent or inventor's ate baving a filing date before that
EARLIEST FOREIGN APPLICAT	ION(S), IF ANY, FILED PR	JOR TO THE FILING DATE O	F THE APPLICATION.
	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
APPLICATION NUMBER	COONTAIL		YES O NO O
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			123 10 2
I hereby claim the benefit under Title 35, U	Jnited States Code, §119(e) o	f any United States provisional a	pplication(s) listed below.
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			ed below and, insofar as the subject

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

			STATUS	
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
				TT (Per No 20280)

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissam (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Rég. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



POST OFFICE **ADDRESS**

SENT) CORRESPONDENC	PENNIE & EDMONDS 1155 AVENUE OF THE NEW YORK, N.Y. 1003	AMERICAS PENNIE		S TO: CETING
	FULL NAME OF INVENTOR	LAST NAME Bauer	FIRST NAME John	C.	
2 0	RESIDENCE &	crry San Diego	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSKIE USA	
	POST OFFICE ADDRESS	STREET 4635 Tivoli St.	cm San Diego	STATE OR COUNTRY California	217 CODE 92107
	FULL NAME OF INVENTOR	LAST NAME Wright	FIRST NAME Dowain	MIDDLE NAME A.	
0	RESIDENCE & CITIZENSHIP	crry Cambridge	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHI USA	
2	POST OFFICE ADDRESS	STREET 581 Mt. Auburn St. #4	Crry Cambridge	STATE OR COUNTRY Massachusetts	21F C00€ 02138
	FULL NAME OF INVENTOR	LAST NAME Braman	FIRST NAME Jeffrey	Carl -	
0 3	RESIDENCE & CITIZENSHIP	CITY Carlsbad	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSH USA	
٠	POST OFFICE ADDRESS	STREET 3067 Camino Limero	Carlsbad	STATE OR COUNTRY USA	21F CODE 92209
	FULL NAME OF INVENTOR	CAST NAME Geha	FIRST NAME Raif	S.	:
2 0 4	RESIDENCE &	CITY Belmont	STATE OR POREIGN COUNTRY Massachusetts	USA	
•	POST OFFICE ADDRESS	street 248 Rutledge Road	Belmont	Massachusetts	217 CODE 02178
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0	RESIDENCE &	спт	STATE OR POREIGN COUNTRY	COUNTRY OF CITIZENS	
5	POST OFFICE ADDRESS	STREET	сп	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0	RESIDENCE &	CTT	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	
6	CHIELINGIA	strati	cm ^r	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR SIL	SIGNATURE OF INVENTOR 202	SIGNATURE OF TOP STATE AND ADDRESS OF THE STATE OF THE ST
DATE	DATE	3-8-96
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Returns	DAYS	DATE
3-8-96		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Bauer, et al.

Serial No.: 08/567,881

Group Art Unit: not yet assigned

Filed: December 8, 1995

Examiner: not yet assigned

For:

IMPROVED CIRCULAR SITE-

Attorney Docket No.:

DIRECTED MUTAGENESIS

8142-107-999

SUPPLEMENTAL COMMUNICATION

Sir:

A Response to Notice to File Missing Parts was filed by Applicants on July 12, 1996. Applicants submit herewith a new Declaration and Power of Attorney executed by Dowain A. Wright at page 2 in the correct box entitled "Signature of Inventor 202." As mentioned in the Response, the previous Declaration and Power of Attorney was executed by Mr. Wright in the incorrect box.

Applicants believe there is no fee associated with this communication. However, if a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 16-1150. A duplicate copy of this communication is enclosed.

Respectfully submitted,

000 51 16

Dated: August 30, 1996	[illul! Holen	25	,227
	Albert P. Halluin	(Reg. 1	10.)

PENNIE & EDMONDS
1155 Avenue of the Americas
New York, New York 10036-2711
(415) 854-3660

Enclosures

	•		
"Express Mail" label No.	TB 668 685 666 US	Date of Deposit	August 30, 1996
I hereby certify that this paper or fe	e is being deposited with the United States	Postal Service *Express Mail Po	st Office to Addressee" service under
37 C.F.R. 1.10 on the date indicated	above and is addressed to the Commission	ner of Patents and Trademarks, '	Washington, D.C. 20231.
		. '	
	Gabriel Urg	uidez	
	Come as well as a second as a second		

EXPRESS MAIL CERTIFICATION

PEMP-61642.1

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. undernéath my name.

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ought on the invention entitled IMPRO	VED CIRCULAR S	ITE-DIREC	TED MUTAGENESIS	S	
nd for which a patent application:					
is attached hereto. was filed in the United States on De	cember 8, 1995 as	Application	Serial No. <u>08/567,88</u>	(for declaration not acc	empanying application)
with amendment(s) filed on was filed as PCT international appl	ication Serial No.	cobie).	on	and was a	mended under
PCT Article 19 on	(y applicable).				
hereby state that I have reviewed as amended by any amendment referr	ed to above.				
acknowledge the duty to disclose in Federal Regulations, §1.56.	formation known to	me to be ma	iterial to patentability a	as defined in Tit	le 37, Code of
hereby claim foreign priority benefi- natent or inventor's certificate listed be- certificate having a filing date before	oclow and have also	identified b	clow any foreign appli	any foreign application for pater	plication(s) for t or inventor's
EARLIEST FOREIGN APPL APPLICATION	LICATION(S), IF A	NY, FILED	PRIOR TO THE FIL	ING DATE OF	THE
			DATE OF	PRIOF	RITY
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				YES 🗆	ИО □
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I hereby claim the benefit under Title below.	35, United States C	ode, §119(e	of any United States	provisional appli	cation(s) listed
APPLICATION N	UMBER		FILI	NG DATE	-
I hereby claim the benefit under Tith insofar as the subject matter of each in the manner provided by the first information which is material to pat available between the filing date of the	of the claims of this paragraph of Title 3 entability as defined	application 5, United S I in Title 37	is not disclosed in the tates Code §112, I ack , Code of Federal Reg	prior United Stanowledge the depute the desired the de	ites application uty to disclose which became
			STA	TUS	•
APPLICATION SERIAL NO.	FILING DATE		_		

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PATENTED

(1) PERPARAL

PENDING

ABANDONED

DIRECT TELEPHONE CALLS PENNIE & EDMONDS SEND CORRESPONDENCE TO: TO: 1155 AVENUE OF THE AMERICAS PENNIE & EDMONDS NEW YORK, N.Y. 10036-2711 **DOCKETING** (212) 790-2803 MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** John Bauer **INVENTOR** 2 COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE USA 1 California San Diego CITIZENSHIP STATE OR ZIP CODE CITY STREET POST OFFICE 92107 San Diego 4635 Tivoli St. **ADDRESS** California MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** Dowain Wright OF INVENTOR 2 0 STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP RESIDENCE 2 USA Georgia Dunwoody CITIZENSHIP ZIP CODE STATE OR CITY STREET POST OFFICE 30350 Dunwoody 7815 Landowne Drive Georgia **ADDRESS** MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** Carl Jeffrey Braman OF **INVENTOR** 2 COUNTRY OF CITEZENSHIP 0 STATE OR FOREIGN COUNTRY CITY RESIDENCE USA California Carlsbad CITIZENSHIP ZIP CODE CITY STATE OR COUNTRY STREET POST OFFICE 92209 Carlsbad 3067 Camino Limero · ADDRESS USA MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** S. Raif Gcha OF INVENTOR 2 COUNTRY OF CITIZENSKIP 0 STATE OR FOREIGN COUNTRY RESIDENCE USA Massachusetts Belmont CITIZENSHIP STATE OR COUNTRY ZIP CODE CITY STREET POST OFFICE 02178 Belmont 248 Rutledge Road **ADDRESS** Massachusett MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** OF INVENTOR 2 COUNTRY OF CITIZENSKIP STATE OR FOREIGN COUNTRY 0 CITY RESIDENCE CITIZENSHIP ZIP CODE STATE OR STREET POST OFFICE **ADDRESS**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the valid. To of the application or any patent issuing

hereon.		SIGNATURE OF INVENTOR 203
SIGNATURE OF INVENTOR 201	SIGNATURE OF J. NYO TOR TO	·
DATE	BATE /20/96	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE .	DATE	DATE

PATENT Attorney Docket No. 04121.0103-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
John C. Bauer et al.))
Serial No.: 08/844,524	Group Art Unit: 1807
Filed: April 17, 1997) Examiner: A. Atzel
For: IMPROVED CIRCULAR SITE-DIRECTED MUTAGENESIS	·)

Assistant Commissioner for Patents Washington, DC 20231

Sir:

REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY AND RATIFICATION OF PRIOR ACTS

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of undersigned's knowledge and belief, title is in the co-assignee identified below.

CHILDREN'S MEDICAL CENTER CORPORATION, having a place of business located at 300 Longwood, Boston, Massachusetts 02115, certifies that it is the coassignee and co-owner of the entire right, title and interest in, to, and under the invention described and claimed in the above-identified application by virtue of an Assignment recorded at Reel 8039, Frame 0497, and hereby revokes all previous power of attorney and appoints:

Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz,

LAW OFFICES

NNECAN, HENDERSON,
FARABOW, GARRETT

8 DUNNER, L.L.P.
ANFORD RESEARCH PARK
700 HANSEN WAY
PALO ALTO, CALIF. 94304
650-649-6600





Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28, 992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Dirk D. Thomas, Reg. No. 32,600; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; and Linda A. Waddler, Reg. No. 33,218, all of FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., whose addresses are 1300 I Street N.W., Washington, D.C. 20005-3315; 700 Hansen Way, Palo Alto, California 94304, and 303 Peachtree Street, N.E. Suite 3200, Atlanta, Georgia 30308, and each of them, my attorneys,

to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

The undersigned also hereby ratifies all previous acts taken during the prosecution of the above-identified patent application.

Please direct all correspondence to:

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. 1300 I Street N.W., Washington, D.C. 20005-3315

INNECAN, HENDERSON, FARABOW, CARRETT 8 DUNNER, L. L.P. TANFORD RESEARCH PARK 700 HANSEN WAY PALO ALTO, CALIF. 94304 650-649-6600

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The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true, and that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

CHILDREN'S MEDICAL CENTER

CORPORATION

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Title: Vice President, Research Administration

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PATENT Attorney Docket No. 04121.0103.01000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
John C. Bauer, et al.) }
Serial No.: 08/844,524) Group Art Unit: 1807
Filed: April 17, 1997) Examiner: A. Atzel
For: IMPROVED CIRCULAR SITE- DIRECTED MUTAGENESIS)

Assistant Commissioner for Patents Washington, DC 20231

Sir:

REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY AND 37 C.F.R. § 3.73(b) STATEMENT

Stratagene, duly organized under the laws of the State of California, and having its principal place of business at 11011 North Torrey Pines Road, La Jolla, California, 92037, is the co-assignee and co-owner of the entire right, title, and interest in and to the above-identified application by virtue of an assignment recorded in the PTO at Reel 8039, Frame 500. Stratagene hereby revokes all previous Powers of Attorney and all previous Associate Powers of Attorney in the above action and hereby grants its power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg.

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NNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P. (ANFORD RESEARCH PARK 700 HANSEN WAY PALO ALTO, CALIF. 94304 650-649-6600 separately as their attorneys with full power of substitution and revocation to prosecut e this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Under 37 C.F.R. § 3.73(b), the undersigned declares that she has reviewed all of the documents in the chain of title of the patent application identified above, and to the best of her knowledge and belief, title is in the co-assignee identified above. The undersigned (whose title is supplied below) is empowered to sign this document on behalf of the co-assignee, Stratagene.

Please direct all correspondence to:

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INEGAN, HENDERSON, FARABOW, GARRETT 8 DUNNER, L.L.P. INFORD RESEARCH PARK 700 HANSEN WAY ALO ALTO, CALIF. 94304 650-849-6600 I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statement statement, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

STRATAGENE

Date: 3/6/58

Name: Ronni L. Sherman

Title: Vice President and General Counsel

Signature: Killing VI —

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